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Date of Deposit: August 5, 2003

Our Case No.: 2003P03219US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Patrick L. Von Behren et al.

Examiner:

Serial No.:

Group Art Unit No.:

Filing Date:

For: EXTENDED VOLUME
ULTRASOUND DATA
ACQUISITION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicants also wish to bring to the Examiner's attention the following pending United States Patent application:

U.S. Patent Application, Serial No. 10/180,386
(Attorney Docket No. 2002P00266US, Filed June 26, 2002)

Applicants believe that this application either alone or in combination with the references cited in this Information Disclosure Statement neither disclose nor suggest Applicants' claimed invention. Applicants, however, respectfully request that the Examiner review the entire disclosure of this application and place an indication in the file that they have been reviewed (MPEP § 609 D). Applicants additionally request that citations to these patent applications not be printed on the patent (MPEP § 609 D). A copy of the above-referenced is enclosed for the convenience of the Examiner.

Applicants respectfully request that the listed documents be made of record in
the present case.

Respectfully submitted,

Craig A. Summerfield

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FORM PTO-1449	SERIAL NO. To Be Assigned	CASE NO. 2003P03219US
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE Herewith	GROUP ART UNIT To Be Assigned
	APPLICANT(S): Patrick L. Von Behren	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER Number-Kind Code (if known)	DATE	NAME	CLASS/ SUBCLASS	FILING DATE	
A1	5,575,286	11/19/1996	Weng et al.			
A2	5,582,173	12/10/1996	Li			
A3	5,655,535	08/12/1997	Friemel et al.			
A4	5,782,766	07/21/1998	Weng et al.			
A5	5,876,342	03/02/1999	Chen et al.			
A6	5,899,861	05/04/1999	Friemel et al.			
A7	5,910,114	06/08/1999	Nock et al.			
A8	6,014,473	01/11/2000	Hossack et al.			
A9	6,059,727	05/09/2000	Fowlkes et al.			
A10	6,352,508	03/05/2002	Pang et al.			
A11	6,364,835	04/02/2002	Hossack et al.			

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)
A12	“Vein Graft Surveillance Using 3D Ultrasound Imaging Measurement of abdominal Aortic Aneurysm with 3D Ultrasound Tumor Measurement and Localization With 3D Imaging Automated Measurement of Flow-Mediated Vessel Dilation,” by Daniel F. Leotta, Ph.D; Funded by the National Institutes of Health National Cancer Institute (2003 Research in the Department of Surgery).
A13	“Three-Dimensional Spatial Compounding of Freehand Ultrasound Scans of the Rotator Cuff,” by D. F. Leotta and R. W. Martin; http://faculty.washington.edu/leotta/research/aium.html ; dated March 1999 (printed June 27, 2003).
A14	“Three-Dimensional Spatial Compounding of Ultrasound Scans with Incidence angle Weighting,” by D. F. Leotta and R. W. Martin; 1999 IEEE International Ultrasonics Symposium; http://faculty.washington.edu/leotta/research/ieee99.html (printed June 27, 2003).
A15	“Three-Dimensional Ultrasound Imaging of the Rotator Cuff: Spatial Compounding and Tendon Thickness Measurement,” by D. F. Leotta and R. W. Martin; http://faculty.washington.edu/leotta/research/shoulder_umb.html ; Ultrasound Med. Bidol. 26-509-525, 2000.
A16	“Quantitative Three-Dimensional Echocardiography by Rapid Imaging from Multiple Transthoracic Windows: In Vitro Validation and initial in Vivo Studies,” by D.F. Leotta B. Munt, EL Bolson, C. Kraft, R. W. Martin, C. M. Otto and F. H. Sheehan; National Library of Medicine; Am. Soc. Echocardiogr. (printed on February 19, 2003).
A17	“Sequential Freehand 3-D Ultrasound,” Graham Teece's Ph.D. Research; Department of Engineering - University of Cambridge; http://svr-www.eng.cam.ac.uk/gmt11/research/volume.html (printed June 16, 2003).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, etc., symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)
A18	"3D Ultrasound Using Stradx 6.5," by R. Prager, A. Gee and Graham Treece; The Stradx 3D Ultrasound Acquisition and Visualization System; http://svr-www.eng.cam.ac.uk/rwp/stradx (printed on June 16, 2003).
A19	"Regularized Marching Tetrahedra: Improved Iso-Surface Extraction," by G. M. Treece, R.W. Prager and A. H. Gee; Cambridge University Engineering Department, England, dated September 1998.
A20	"Surface Interpolation From Sparse Cross-Sections Using Region Correspondence,: by G. M. Treece, R. W. Prager, A. H. Gee, and L. Berman; Cambridge University Engineering Department, England; dated March 1999.

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